

**Amendments to the claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of claims:**

Claims 1-18 (cancelled)

19. (New) In a method of testing a material or object for human applications by detecting and/or measuring an immunofunctional, toxic, or modulatory blood reaction against the material or object, the method comprising the steps of (i) contacting said material or object with a blood sample from a human or animal and (ii) detecting and/or measuring the immunofunctional, toxic, or modulatory blood reaction by a biological, physical, chemical, or physicochemical method,  
  
wherein the improvement comprises using as the blood sample a thawed cryopreserved unit of whole blood, said cryopreserved unit (a) being selected from the group consisting of a plurality of identical cryopreserved units from one lot of a whole blood sample, (b) being in the form of a standardized blood unit dose, and (c) containing a cryopreservative.
20. (New) In a method of testing a material or object for human applications by detecting and/or measuring an immunofunctional, toxic, or modulatory blood reaction against the material or object, the method comprising the steps of (i) contacting said material or object with a blood sample from a human or animal and (ii) detecting and/or measuring the immunofunctional, toxic, or modulatory blood reaction by a biological, physical, chemical, or physicochemical method,

wherein the improvement comprises using as the blood sample a thawed cryopreserved unit of whole blood, said cryopreserved unit (a) being selected from the group consisting of a plurality of identical cryopreserved units from one lot of a whole blood sample, (b) being in the form of a standardized blood unit dose, and (c) containing a cryopreservative, the blood further comprising clotting inhibitors and/or diluents.

21. (New) In a method of testing a material or object for human applications by detecting and/or measuring an immunofunctional, toxic, or modulatory blood reaction against the material or object, the method comprising the steps of (i) contacting said material or object with a blood sample from a human or animal and (ii) detecting and/or measuring the immunofunctional, toxic, or modulatory blood reaction by a biological, physical, chemical, or physicochemical method,

wherein the improvement comprises using as the blood sample a thawed cryopreserved unit of whole blood, said cryopreserved unit (a) being selected from the group consisting of a plurality of identical cryopreserved units from one lot of a whole blood sample, (b) being in the form of a standardized blood unit dose, and (c) containing a cryopreservative, the blood sample further comprising clotting inhibitors.

22. (New) In a method of testing a material or object for human applications by detecting and/or measuring an immunofunctional, toxic, or modulatory blood reaction against the material or object, the method comprising the steps of (i) contacting said material or object with a blood sample from a human or animal and (ii) detecting and/or measuring the immunofunctional,

toxic, or modulatory blood reaction by a biological, physical, chemical, or physicochemical method,

wherein the improvement comprises using as the blood sample a thawed cryopreserved unit of whole blood, said cryopreserved unit (a) being selected from the group consisting of a plurality of identical cryopreserved units from one lot of a whole blood sample, (b) being in the form of a standardized blood unit dose, and (c) containing a cryopreservative, the blood sample further comprising diluents.